

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently Amended) A method of creating a template, said method comprising:

~~disposing~~ positioning a diamond-like composition on a ~~surface of body, forming~~ said template, said diamond-like composition having properties sufficient to be substantially transmissive of a predetermined wavelength and provide said ~~surface~~ template with a predetermined surface energy to minimize adhesion to a material in contact ~~therewith~~ with said template; and
patterning said diamond-like composition to include a plurality of protrusions and recesses.

2. (Currently Amended) The method as recited in claim 1 wherein ~~disposing~~ positioning further includes ~~disposing~~ positioning said diamond-like composition from a set of diamond-like compositions consisting of ~~including~~ diamond-like carbon (DLC) and diamond-like nano-composites.

3. (Cancelled)

4. (Original) The method as recited in claim 1 wherein said predetermined wavelength includes UV light.

5. (Cancelled)

6. (Original) The method as recited in claim 1 further including doping said diamond-like composition with electrically conductive elements.

7. (Currently Amended) The method as recited in claim 1 further including depositing an electrically conductive layer upon said template before ~~depositing~~ positioning said diamond-like composition.

8. (Currently Amended) The method as recited in claim 1 further including depositing an electrically conductive layer upon said template before ~~depositing~~ positioning said diamond-like composition and patterning said diamond-like composition to selectively expose regions of said electrically conductive layer.

9. (Original) The method as recited in claim 1 further including forming said template from a fused-silica.

10. (Currently Amended) A method of creating a template, said method comprising:

~~disposing~~ positioning a diamond-like composition on a ~~surface of body~~, forming said template, ~~said diamond-like composition~~ having properties sufficient to ~~be substantially transmissive of a predetermined wavelength and~~ provide said ~~surface~~ template with a predetermined surface energy to minimize adhesion to a material in contact ~~therewith~~ with said template; and

patterning said diamond-like composition to include a plurality of ~~protrusions and recesses~~ features, with said ~~diamond-like composition~~ having a first thickness sufficient to be substantially transmissive of a predetermined wavelength and said plurality of features having a second thickness to define a pattern in said material.

11. (Currently Amended) The method as recited in claim 10 wherein ~~disposing~~ positioning further includes ~~disposing~~ positioning said diamond-like composition from a set of diamond-like compositions consisting of ~~including~~ diamond-like carbon (DLC) and diamond-like nano-composites.

12. (Original) The method as recited in claim 10 wherein said predetermined wavelength includes UV light.

13. (Original) The method as recited in claim 10 further including doping said diamond-like composition with electrically conductive elements.

14. (Currently Amended) The method as recited in claim 10 further including depositing an electrically conductive layer upon said template before ~~depositing~~ positioning said diamond-like composition.

15. (Currently Amended) The method as recited in claim 10 ~~wherein~~ patterning further includes patterning said diamond-like composition to selectively expose regions of said electrically conductive layer.

16. (Currently Amended) A method of creating a template, said method comprising:

~~forming an electrically conductive layer on said template having properties to be substantially transmissive of a predetermined wavelength;~~

~~disposing~~ positioning a diamond-like composition on a ~~surface of body,~~ forming said template, said diamond-like composition having properties sufficient to be substantially transmissive of said predetermined wavelength and provide said ~~surface~~ template with a predetermined surface energy to minimize adhesion to a material in contact ~~therewith~~ with said template; ~~[[and]]~~

forming an electrically conductive layer between said body and said diamond-like composition having properties to be substantially transmissive of a predetermined wavelength; and

patterning said diamond-like composition to includes a plurality of protrusions and recesses and selective expose portions of said electrically conductive layer.

17. (Currently Amended) The method as recited in claim 16 wherein ~~disposing~~ positioning further includes ~~disposing~~ positioning said diamond-like composition from a set of diamond-like compositions consisting of ~~including~~ diamond-like carbon (DLC) and diamond-like nano-composites.

18. (Previously Presented) The method as recited in claim 16 wherein said predetermined wavelength includes UV light.

19. (Currently Amended) The method as recited in claim 16 further including depositing an electrically conductive layer upon said template before ~~depositing~~ positioning said diamond-like composition.

20 – 28. (Cancelled)

29. (New) The method as recited in claim 1 wherein said surface energy is in a range of 25 to 40 milli-Newtons per meter.

30. (New) The method as recited in claim 10 wherein said surface energy is in a range of 25 to 40 milli-Newtons per meter.

31. (New) The method as recited in claim 16 wherein said surface energy is in a range of 25 to 40 milli-Newtons per meter.

32. (New) The method as recited in claim 1 wherein said surface energy is in a range of 30.31 to 32.71 milli-Newtons per meter.

33. (New) The method as recited in claim 10 wherein said surface energy is in a range of 30.31 to 32.71 milli-Newtons per meter.

34. (New) The method as recited in claim 16 wherein said surface energy is in a range of 30.31 to 32.71 milli-Newtons per meter.

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